

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q78377

Michiya ODAWARA, et al.

Appln. No.: 10/577,475

Group Art Unit: 2811

Confirmation No.: 6672

Examiner: Not Yet Assigned

Filed: October 12, 2006

For: COMPOUND SEMICONDUCTOR LIGHT-EMITTING DEVICE HAVING PN-  
JUNCTION TYPE HETERO STRUCTURE AND FORMING METHOD THEREOF

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

**ATTN:** Office of Initial Patent Examination  
Filing Receipt Correction  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We enclose a copy of the Official Filing Receipt for the above-identified application and request the following correction:

**Assignment for Published Patent Application**

~~SHOWA DENKO K.K., Tokyo, JAPAN~~    **SHOWA DENKO K.K.**

Verification for the requested correction is indicated on the Executed Assignment  
Document filed October 12, 2006.

Respectfully submitted,



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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: April 12, 2007



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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APPL. NO.	FILING OR 371(a) DATE	ART UNIT	FIL. FEE REC'D	ATTY. DOCKET NO.	TOT. CLMS.	IND. CLMS.
10/577,475	10/12/2006	2811	1030	Q78377	14	2

CONFIRMATION NO. 6672

23373  
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 2100 PENNSYLVANIA AVENUE, N.W.  
 SUITE 800  
 WASHINGTON, DC 20037

## FILING RECEIPT



DOCKETED

US000000022744802\*

MAR 13 2007

Date Mailed: 03/12/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

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 Takashi Udegawa, Saitama, JAPAN;

## Assignment For Published Patent Application

[SHOWA DENKO K.K., Tokyo, JAPAN]

SHOWA DENKO K.K.

Power of Attorney: The patent practitioners associated with Customer Number 23373.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/16076 10/22/2004  
 which claims benefit of 60/518,743 11/12/2003

## Foreign Applications

JAPAN 2003-371837 10/31/2003

If Required, Foreign Filing License Granted: 03/03/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/577,475**

Projected Publication Date: 06/14/2007

# ASSIGNMENT

Whereas, I/we

1. Michiya ODAWARA
  2. Akira KASAHARA
  3. Takashi UDAGAWA
- all of c/o SHOWA DENKO K.K.

1505 Shimokagemori, Chichibu-shi, Saitama 369-1871, JAPAN

hereinafter called assignor(s), have invented certain improvements in

COMPOUND SEMICONDUCTOR LIGHT-EMITTING DEVICE HAVING PN-JUNCTION  
TYPE HETERO STRUCTURE AND FORMING METHOD THEREOF

and executed an application for Letters Patent of the United States of America therefor on

July 4, 2006 ;and

Whereas, SHOWA DENKO K.K.  
of 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518, JAPAN

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number 10/577,475, filed April 27, 2006) the filing date and application number of said application when known.

Date: July 4, 2006

s/

Michiya Odawara

Michiya ODAWARA

Date: July 4, 2006

s/

Akira Kasahara

Akira KASAHARA

Date: July 4, 2006

s/

Takashi Udagawa

Takashi UDAGAWA